

# HP LaserJet Managed Flow MFP M830 series



## Top performance. Solid value.

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorised Reseller for details.



HP LaserJet Managed flow MFP M830zm shown with  
stapler/stacker accessory



Up to 56 ppm



20.3 cm  
Colour touchscreen



Duplex ADF  
single pass



Advanced security



Wireless direct

### Give workgroups the speed they need

- Let departments scan without worry. HP EveryPage detects potential errors or missed pages on the spot.
- Create easily searchable scanned files, using built-in optical character recognition software.
- Simplicity all around – make it easy for all to print with one common driver.<sup>1</sup>
- Forget email – easily scan and send documents to Microsoft®SharePoint® in one step.

### Keep your business moving

- Save on both sides – capture documents faster with two-sided, single-pass scanning.
- Add finishing touches faster – let employees complete big jobs faster using the built-in finishing options.<sup>2</sup>
- Don't wait – print right away with Instant-on Technology.
- Make it easy to be efficient, with an intuitive touchscreen and keyboard for entering file information.

### Enjoy easy and secure mobile printing

- Mobile printing at a touch – enable touch-to-print convenience from mobile devices.<sup>3</sup>
- Simplify printing – give users simple, direct access to the MFP through wireless direct printing.<sup>4</sup>
- Let employees print from mobile devices with built-in print capability or HP ePrint app and software.<sup>5</sup>
- Printing made Apple® simple – let employees print wirelessly from an iPad®, iPhone® or iPod touch®.<sup>6</sup>

### Invest once, expand easily and manage efficiently

- Expand your options – easily upgrade firmware on your schedule and integrate solutions or devices at will.
- Help build business efficiency – centrally monitor and control printers with HP Web Jetadmin.<sup>7</sup>
- Apply fleet-wide policies to help protect all your HP devices with the HP Imaging and Printing Center.<sup>8</sup>
- Confidently safeguard the sensitive data sent to your MFP with the HP High-Performance Secure Hard Disk.

## Product walkaround

### HP LaserJet Managed flow MFP M830zm shown with stapler/stacker accessory:

1. 200-sheet automatic document feeder with single-pass two-sided scanning, and HP EveryPage with ultrasonic double-feed detection
2. Intuitive 20.3 cm (8-in) pivoting colour touchscreen control panel with FutureSmart firmware and scan preview
3. Home button (returns to home screen)
4. Hardware integration pocket for solutions integration such as NFC/wireless module for direct wireless printing, touch to print
5. Easy Access USB port
6. Plate glass scanner handles sizes up to A3 (11 x 17 in)
7. Retractable keyboard
8. 100-sheet multipurpose tray 1 handles heavy custom media up 199 g/m<sup>2</sup> bond (53 lb)
9. Front door provides convenient access to HP all-in-one toner cartridge
10. Left door provides access to fuser and duplexer
11. Stapler/stacker output accessory
12. Right-side doors provide access for clearing jams
13. Two 500-sheet input trays support media up to A3 (11 x 17 in)
14. 3,500-sheet high-capacity input tray supports A4/letter media
15. Built-in automatic two-sided printing
16. I/O ports



## Accessories, Supplies and Support

<b>Supplies</b>	<b>C1P70A</b> HP LaserJet ADF Roller Replacement Kit Average yield: 100,000 pages <b>C2H57A</b> HP LaserJet 220V Maintenance/Fuser Kit Average yield: 240,000 pages <b>CF325XC</b> HP CF325XC High Yield Black Contract Original LaserJet Toner Cartridge 42,600 pages
<b>Accessories</b>	<b>A7W13A</b> HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland <b>A7W14A</b> HP LaserJet Swedish Overlay Keyboard <b>C8091A</b> HP Staple Cartridge Refill (5000 staples) for Stapler/Stacker accessories <b>CC383A</b> HP 2-pack 2000-staple Cartridge for booklet maker finisher <b>CZ285A</b> HP LaserJet Booklet Maker/Finisher ** <b>CZ994A</b> HP LaserJet Stapler/Stacker ** <b>CZ996A</b> HP LaserJet Stapler/Stacker with 2/4 hole punch **
<b>Connectivity</b>	<b>J8026A</b> HP Jetdirect 2700w USB Wireless Print Server <b>J8029A</b> HP Jetdirect 2800w NFC/Wireless Direct Accessory
<b>Service and support</b>	<b>U8HJ5E</b> HP 3 year Next Business Day with Defective Media Retention LaserJet M830 Managed Hardware Support <b>U8HJ6E</b> HP 4 year Next Business Day with Defective Media Retention LaserJet M830 Managed Hardware Support <b>U8HJ7E</b> HP 5 year Next Business Day with Defective Media Retention LaserJet M830 Managed Hardware Support <b>U8HJ8PE</b> HP 1 year Post Warranty Next Business Day with Defective Media Retention LaserJet M830 Managed Hardware Support <b>U8HJ9PE</b> HP 2 year Post Warranty Next Business Day with Defective Media Retention LaserJet M830 Managed Hardware Support <b>U8HK0E</b> HP 3 year Next Business Day Channel Remote Parts LaserJet M830 Managed SVC <b>U8HK1E</b> HP 4 year Next Business Day Channel Remote Parts LaserJet M830 Managed SVC <b>U8HK2E</b> HP 5 year Next Business Day Channel Remote Parts LaserJet M830 Managed SVC <b>U8HK3PE</b> HP 1 year Post Warranty Next Business Day Channel Remote Parts LaserJet M830 Managed SVC

\*\* Firmware can be upgraded to enable M830zm to be used without any output accessories. Standard output capacity will be then the standard output tray 150 sheets. In case of complex jobs being printed or copied, customer may experience performance slowdown on FPO and delay between jobs without the use of one of the paper-handling options.  
First page out time: As fast as 7.5 sec (A4, ready, ISO, no output finisher).

## Technical specifications

<b>Model</b>	<b>HP LaserJet Managed Flow MFP M830zm</b>
<b>Product number</b>	L3U65A
<b>Print speed</b>	Up to 56 ppm black (A4); Up to 56 ipm black duplex (A4) Up to 28 ppm black (A3)
<b>First page out time</b>	As fast as 9.5 sec black (A4, ready)
<b>Print resolution</b>	Up to 1200 x 1200 dpi black
<b>Print technology</b>	Laser
<b>Print Area</b>	Print margins: Top: 2.0 mm; Bottom: 2.0 mm; Left: 2.0 mm; Right: 2.0 mm
<b>Print languages</b>	HP PCL 6, HP PCL 5, HP Postscript Level 3 emulation, native PDF printing (v 1.4)
<b>Monthly duty cycle</b>	Up to 450,000 pages (A4). Recommended monthly page volume: 15,000 to 100,000
<b>Duplex printing</b>	Automatic (standard)
<b>Fonts and typefaces</b>	105 internal TrueType fonts scalable in HP PCL; 92 internal scalable fonts in HP Postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>
<b>SureSupply supported</b>	Yes
<b>Processor speed</b>	800 MHz
<b>Display</b>	20.3 cm colour LCD with Capacitive touchscreen; Rotating (adjustable angle) display; Illuminated Capacitive Home button (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket
<b>Connectivity</b>	Standard: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Foreign Interface; 1 Hardware Integration Pocket; 2 Internal USB Host; Optional: HP Jetdirect 2700w USB Wireless Print Server; HP Jetdirect ew2500 802.11g Wireless Print Server. For more information on HP networking solutions visit <a href="http://hp.com/go/jetdirect">hp.com/go/jetdirect</a>
<b>Network ready</b>	Standard (built-in Ethernet)
<b>Memory</b>	Standard: 1.5 GB (system memory); Maximum: upgradeable to 2.0 GB (system memory) with B3G84-67909: 2 GB Memory DIMM Kit
<b>Hard disk</b>	Standard, embedded HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)
<b>Copier settings</b>	Image adjustment (Darkness, Contrast, Background Cleanup, Sharpness); Reduce/Enlarge; Auto-Scaling; N-up; Multi-Feed Detection; Job Build; Auto-Size Detection; Edge-to-Edge; 2-sided ID Scan; Optimize Text/Picture; Book Mode; One-Pass Duplex; Change Size; Change Orientation; Maximum number of copies: Up to 999 copies; Copy resolution: Up to 600 x 600 dpi
<b>Copy speed</b>	Up to 56 cpm black (A4)
<b>Functions</b>	Print, copy, scan, fax
<b>Scanner specifications</b>	Scanner type: Flatbed, ADF; Scan input modes: Front-panel scan, copy, fax, e-mail; Duplex ADF scanning: Yes, single-pass ADF; Scan size maximum (flatbed, ADF): 297 x 432 mm; Optical scan resolution: Up to 600 dpi
<b>Scan file format</b>	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR)
<b>Scan speed</b>	Up to 70 ppm (black and white), up to 68 ppm (colour); duplex: Up to 85 ipm (black and white), up to 63 ipm (colour)
<b>Scannable area</b>	Flatbed: Minimum media size: No minimum; Maximum media size: 297 x 432 mm Scannable area (ADF): Minimum media size: 68 x 127 mm; Maximum media size: 297 x 432 mm
<b>Scanner Advanced Features</b>	Image preview & edit; HP EveryPage Technologies; Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge erase; Auto tone; Auto job notification; Auto blank page suppression; Auto orientation; Auto page crop; HP Quick Sets
<b>Recommended monthly scan volume</b>	26,750 to 44,500
<b>Bit depth/ Grey scale levels</b>	24-bit/ 256
<b>Digital sending</b>	Standard: Scan to e-mail; Save-to-Network Folder; Scan to SharePoint; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL
<b>Fax</b>	Yes, 33.6 kbps
<b>Fax smart software features</b>	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address book; LAN/Internet fax; fax number confirmation; Holiday fax schedule
<b>Media types</b>	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough), labels, cardstock, transparencies
<b>Paper size</b>	ADF: Short Edge Feed: A3, A4, A5, B4 (JIS), B5 (JIS); B6 (JIS), Bank Checks; Long Edge Feed: A4, A5, B5 (JIS) Custom metric: Tray 1: 98 x 191 to 312 x 470 mm; Tray 2/3: 148 x 210 to 297 x 431.8 mm; Tray 4, High-capacity Input, tray 4/5: 210 x 297 mm Supported metric: Tray 1: A3, A4, A5, RA3, B4, B5, postcards (JIS double), envelopes (DL, C5, B5); Tray 2/3: A3, A4, A5, B4, B5; High-capacity Input, tray 4/5: A4 only
<b>Paper handling</b>	Standard input: Two 500-sheet input trays, 100-sheet multipurpose tray, 3500-sheet High-capacity tray (tray 4/5) Standard output: Up to 3000 sheets (with optional stapler/stacker, stapler/stacker with hole punch, or stapler/stacker with booklet maker) Optional/Input: None (High-capacity Input tray is standard in this bundle) ADF: Standard, 200 sheets
<b>Input capacity</b>	Tray 1: sheets: 100; envelopes: 100; labels: 100 Tray 2: sheets: 500; labels: small quantities Tray 3: High-capacity Input, tray 4: sheets: 1500 (A4 only), tray 5: sheets: 2000 (A4 only) Maximum: Up to 4,600 sheets
<b>Output capacity</b>	Standard: Up to 3,000 sheets (with optional stapler/stacker, stapler/stacker with hole punch, or stapler/stacker with booklet maker), Up to 50 envelopes Transparencies Up to 100 sheets Maximum: Up to 3,000 sheets (with optional stapler/stacker, stapler/stacker with hole punch, or stapler/stacker with booklet maker)
<b>Paper weight</b>	Tray 1: 60 to 220 g/m <sup>2</sup> ; Tray 2/3: 60 to 199 g/m <sup>2</sup> ; High-capacity Input, tray 4/5: 60 to 199 g/m <sup>2</sup> ADF: 45 to 199 g/m <sup>2</sup>

<b>Model</b>	<b>HP LaserJet Managed Flow MFP M830zm</b>
<b>Product number</b>	L3U65A
<b>Telecom compliance</b>	Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; other Telecom approvals as required by individual countries
<b>Fax specifications</b>	Fax memory: Up to 500 pages; Fax resolution: Standard: 200 x 100 dpi; Fine: 200 x 200 dpi, 256 levels of grey; Superfine: 300 x 300 dpi, 256 levels of grey; Quick dialing: Up to 100 numbers
<b>What's in the box</b>	HP LaserJet Managed Flow MFP M830zm; Black print cartridge (42,600 pages); Keyboard overlay; CD(s) with software and documentation; Getting Started Guide; Power cord; Choice of output paper handling device (printer must be ordered with one of four paper output accessories)
<b>Replacement cartridges</b>	HP Contractual High Yield Black Original LaserJet Toner Cartridge (42,600 pages) CF325XC
<b>Supported network protocols</b>	IPv4/IPv6; Apple Bonjour compatible, SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, WS Print, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode Management security: SNMPv3, SSL/TLS (HTTPS), IPsec/Firewall; Port authentication (802.1x EAP-PEAP, EAP-TLS), Airprint
<b>Compatible operating systems</b>	Windows 8 (32-bit and 64-bit); Windows 7 SP1 or greater (32-bit and 64-bit); Windows Vista (32-bit and 64-bit); Windows XP SP3 (64-bit); Windows XP SP3+ Home + Professional; Windows Server 2008 (32-bit and 64-bit); Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); (For Microsoft IPv6 compatibility use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista); Windows 2003 SP2 (64-bit); Windows Server 2003 SP2+; Windows Terminal Services; Windows 2000; MPE-Ix; Citrix® MetaFrame Server; Novell® 5.1 or higher; Red Hat Linux 7.x or higher; Solaris® 2.5 or higher (SPARC systems only); SuSE Linux 8.x or higher; HP-UX 10.20, 11.x, 11.i; IBM® AIX 3.2.5 or higher; Mac OS X v10.6, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible hardware system requirements see apple.com)
<b>Minimum system requirements</b>	Windows: Windows 8; Windows 7 SP1+; Windows Vista; Windows Server 2003 (SP1+); Windows Server 2008; Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); Windows XP (SP2+); CD-ROM or DVD drive, or Internet connection; dedicated Universal Serial Bus (USB 1.1 or 2.0), or network connection; 200 MB available hard disk space; operating system compatible hardware system requirements see microsoft.com Mac: Mac OS X v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible hardware system requirements see apple.com)
<b>Software included</b>	HP PCL 6 Discrete Printer Driver, Mac SW Link to Web (Mac Installer), Windows Installer
<b>Security management</b>	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WPA-10 IPsec configuration Plug-in, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF (uses FIPS 140 validated cryptographic libraries from Microsoft), Encrypted Email, Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials Device: Security lock slot, USB port disablement, Hardware Integration Pocket for security solutions; Security Management: Compatible with HP Imaging & Printing Security Center
<b>Printer management</b>	HP Web Jetadmin; HP Utility (Mac)
<b>Control panel</b>	20.3 cm colour LCD with Capacitive touchscreen; Rotating (adjustable angle) display; Illuminated Capacitive Home button (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket
<b>Printer dimensions (W x D x H)</b>	Minimum: 1650 x 715 x 1100 mm Maximum: 1975 x 715 x 1100 mm
<b>Package dimensions (W x D x H)</b>	856 x 838 x 1561 mm
<b>Printer Weight</b>	204 kg (with stapler hole punch), 223 kg (with booklet maker)
<b>Package weight</b>	155.9 kg
<b>Operating environment</b>	Temperature: 10 to 32.5°C, Humidity: 10 to 80% RH
<b>Storage</b>	Temperature: 0 to 40°C, Humidity: 10 to 90% RH
<b>Acoustics</b>	Acoustic power emissions: 7.5 B(A); Acoustic pressure emissions: 58 dB(A)
<b>Power</b>	Requirements: Input Voltage: 220 to 240 VAC, 50/60 Hz, 5.5 A Consumption: 1030 watts (printing), 60 watts (ready), 6.0 watts (sleep), 0.3 watts (off). Typical Electricity Consumption (TEC): 5.0 kWh/Week Power supply type: Built-in power supply
<b>Certifications</b>	CISPR 22:2008 / EN 55022:2010 (Class A); EN 61000-3-2 :2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:1998 +A1 +A2; EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries ENERGY STAR® qualified
<b>Warranty</b>	One-year, on-site limited warranty. Warranty and support options vary by product, country and local legal requirements.

## Footnotes

<sup>1</sup>The HP Universal Print Driver is free and available for download at <http://www.hp.com/go/upd>; <sup>2</sup>Paper-handling options depend on the output configuration selected at time of purchase.; <sup>3</sup>Touch-to-print capability may be added as an option to the HP LaserJet Managed Flow MFP M830zm L3U65A. Mobile device must support near field communications-enabled printing. For a list of supported devices, see <http://www.hp.com/go/mobileprinting>; <sup>4</sup>Wireless direct printing may be added as an option to the HP LaserJet Managed Flow MFP M830zm L3U65A. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see <http://www.hp.com/go/wirelessprinting>; <sup>5</sup>Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an internet connection to a HP Web-connected printer. App or software may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See [hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting) for more details.; <sup>6</sup>Supports OS X® Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later) and iPod touch® (third generation or later). Works with HP's AirPrint™-enabled printers and requires the printer to be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc.; <sup>7</sup>HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>; <sup>8</sup>HP Imaging and Printing Security Center must be purchased separately.



<http://www.hp.com/uk>

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